



South Carolina

Weekly Weather and Crop Progress Report

Cooperating with Clemson University
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Clemson University
SC State Climatology Office
Farm Service Agency



GENERAL

Thundershowers brought much needed rain to large portions of South Carolina this past week. Overall, temperatures remained above average, but were less oppressive than the 100 degree heat that has been the normal for the past several weeks. Relief from the dry, hot weather improved most crop and livestock conditions. Likewise, South Carolina's soil moisture levels exhibited significant signs of improvement and were reportedly 7% very short, 32% short, 59% adequate and 2% surplus. There was a statewide average of 6.4 days that were suitable for fieldwork in South Carolina.

FIELD CROPS

Ninety-four percent of **CORN** had doughed and 43% of the crop had matured by week's end, remaining ahead of historical figures. Corn was the only crop surveyed that did not show any signs of improvement this past week. Corn conditions were reportedly 8% very poor, 17% poor, 41% fair, 32% good and 2% excellent. Ninety-five percent of **COTTON** had squared. Over half of the crop had set bolls. Some cotton growers continued to apply controls for larvae and stink bug pests. Cotton conditions improved and were reportedly 5% poor, 26% fair, 58% good and 11% excellent. Ninety-five percent of **PEANUTS** had pegged, ahead of the five-year average. Peanut conditions improved slightly and were reported as 8% poor, 19% fair, 67% good and 6% excellent. Sixty percent of **SOYBEANS** had bloomed and 24% had set pods, remaining well ahead of historical figures. Soybean conditions improved four points in the good to excellent range from last week. The entire **TOBACCO** crop had been topped for the year and 52% percent had been harvested. Tobacco conditions were reportedly 3% poor, 22% fair, 64% good and 11% excellent.

OTHER ITEMS OF INTEREST

LIVESTOCK conditions were 4% poor, 28% fair, 67% good and 1% excellent. **PASTURE** conditions improved and were reportedly 4% very poor, 16% poor, 36% fair and 44% good. Nearly all **TOMATOES** and **SNAPBEANS** had been harvested. **MELON** harvest continued to progress well. Three-quarters of **PEACHES** had been harvested.

Crop Progress for Week Ending August 1, 2010

Crop and Stage	2010	2009	5-Yr Avg	Crop and Stage	2010	2009	5-Yr Avg
	Percent	Percent	Percent		Percent	Percent	Percent
Cantaloup, Harvested	93	89	93	Snapbeans, Fresh, Harvested	99	100	100
Corn, Doughed	94	92	90	Soybeans, Bloomed	60	47	54
Corn, Matured	43	38	33	Soybeans, Pods Set	24	16	20
Cotton, Squared	95	96	93	Tobacco, Topped	100	100	99
Cotton, Bolls Set	51	52	49	Tobacco, Harvested	52	48	42
Hay, Other Hay, Harvested	94	96	85	Tomatoes, Fresh, Harvested	99	100	99
Peaches, Harvested	75	79	68	Watermelons, Harvested	95	93	89
Peanuts, Pegged	95	95	92				

Condition for Week Ending August 1, 2010

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent
Corn	8	17	41	32	2	Peanuts	0	8	19	67	6
Cotton	0	5	26	58	11	Soybeans	1	11	38	46	4
Livestock	0	4	28	67	1	Tobacco	0	3	22	64	11
Pasture	4	16	36	44	0						

South Carolina Weekly Weather Summary for the Week Ending August 1, 2010

N Myrtle Beach, Charleston City and Hilton Head recorded low temperatures on Monday morning above 80 degrees. During the afternoon peak heating, Clemson, Lake Wateree, Ft. Moultrie and Beaufort all registered 101 degrees. Violent storms on Monday evening produced a wind speed of 78 mph at the Donaldson Center Industrial Airpark in Greenville. The USC campus rain gage in Columbia measured 1.44 inches in just thirty minutes. High winds downed trees and caused property damage in Irmo. Thunderstorm clusters continued on Tuesday. Fishing Creek Dam near Great Falls received 3.83 inches of rain, McEntire ANG AP near Eastover, 3.07 inches. A sunny Hardeeville recorded 100 degrees Tuesday while a cloudy Bennettsville only warmed to 82 degrees. A series of shallow, southeastward-moving boundaries began to affect the state on Wednesday. Multi-cell, afternoon storms brought generous rainfall coverage to much of the state. On Thursday at noon, the Springmaid Pier reported a matching surf and air temperature of 82.9 degrees. Tropical-like downpours fell over the beaches with N. Myrtle beach receiving 2.66 inches and McClellanville 2.30 inches. The Beaufort Marine Corps Air Station sweltered under 101 degree heat and high humidity on Friday. Lingering clouds held temperatures on Saturday in the upper 70’s and lower 80’s for much of the Upstate. Locations south and east, and within the unstable air, observed more thunder and heavy rain. Saturday’s storm at Chester left 3.42 inches of rain. July 2010 rainfall totals ranged from 0.69 inches at Saluda to 9.86 inches at the Charleston Airport. With the exception of the southernmost counties, August began with cloudy skies and the welcomed absence of the oppressive summer heat. Newberry reported a Sunday high temperature of 85 degrees. The state average temperature for the seven-day period was three degrees above normal.

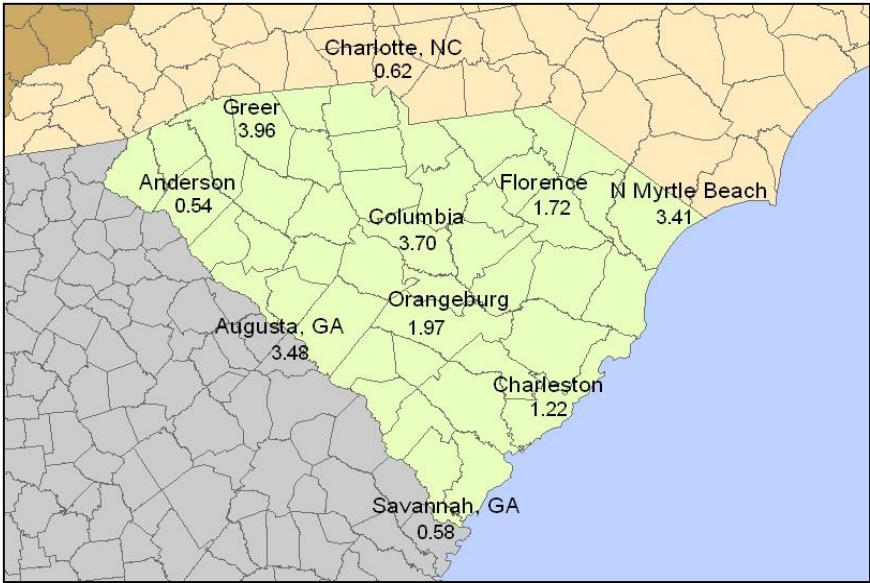
The highest official temperature reported was 103 degrees at Clinton on July 26. The lowest official temperature reported was 69 degrees at Chesnee on August 1. The heaviest official 24-hour rainfall reported was 4.10 inches at Longtown ending at 7:00 a.m. on August 1. The state average rainfall for the period was 1.9 inches.

SOIL: 4-inch depth soil temperature: Columbia 84 degrees, Charleston 88 degrees.
RIVERS AND SURF: South Carolina river stages were near normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 83 degrees.

Precipitation

Location	Total for Week	Total for 2010	Deviation from Average
Greer	3.96	28.22	-2.6
Anderson	0.54	27.91	-0.2
Columbia	3.70	23.31	-6.6
Orangeburg	1.97	26.72	-3.2
Charlotte, NC	0.62	23.45	-2.4
Augusta, GA	3.48	21.57	-6.1
Florence	1.72	29.17	2.2
N Myrtle Beach	3.41	22.25	-2.8
Charleston	1.22	35.88	6.0
Savannah, GA	0.58	25.50	-3.7

Weekly rainfall totals this period ending midnight Sunday.



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